

ABSTRACT

A process for producing a fluorine-containing acrylic acid ester represented by $\text{CH}_2=\text{C}(\text{Rf})(\text{COOR})$ characterized in that
5 1-bromo-1-perfluoroalkylethene represented by $\text{CH}_2=\text{CBr}-\text{Rf}$, or
1,2-dibromo-1-perfluoroalkylethane represented by $\text{CH}_2\text{CBr}-\text{CHBr}-$
 Rf is allowed to react with an alcohol represented by ROH in
the presence of a palladium catalyst, carbon monoxide, and two
or more kinds of bases. The fluorine-containing acrylic acid
10 ester is a useful compound having wide applications in
materials for pharmaceuticals and functional polymers.